



Teen Birth Data Update – Up to 2019

Important note about the data: 2 sources of data were used in this report: the CDC Wonder Natality data tool (which has data available 2016-2019) and DSHD Vital Stats Final datasets (which is currently available only up to 2017). Whenever possible, data from the more recent CDC Wonder source was used. In cases where the CDC Wonder Natality data tool could not be used, the actual DSHS vital stats datasets were used to capture trends in the most recent 5 years of data available: 2013-2017.

Births among females 19 and under has had a small downward trend between 2016 and 2019. The 2019 birth rate in this age group was 6 per 1,000 females.

Births among Females 19 and Under in Bexar County

		2016	2017	2018	2019
Females 19 and Under	# of Births	2,066	1,877	1,728	1,636
	Population size	265,545	268,788	272,008	273,933
	Birth Rate	7.8	7.0	6.4	6.0

Birth rate is calculated as # of births in the specified group divided by population size in that group, and then multiplied by 1,000. This provides birth rate defined as # of births per 1,000 population in that group.

Data source: CDC Wonder Natality Information, 2016-2019

The teen birth rate in Bexar County has steadily decreased each year. The 2019 teen birth rate in Bexar County was approximately 24 births per 1,000 teen females.

Births among Teen Females (Aged 15-19) in Bexar County

		2016	2017	2018	2019
15-17 year old Females	# of Births	605	501	484	413
	Population size	39,222	39,981	40,503	40,909
	Birth Rate	15.4	12.5	11.9	10.1
18-19 year old females	# of Births	1,423	1,358	1,223	1,202
	Population size	26,207	26,534	26,858	27,360
	Birth Rate	54.3	51.2	45.5	43.9
Total: 15-19 year old females	# of Births	2,028	1,859	1,707	1,615
	Population size	65,429	66,515	67,361	68,269
	Teen Birth Rate	31.0	27.9	25.3	23.7

Birth rate is calculated as # of births in the specified group divided by population size in that group, and then multiplied by 1,000. This provides birth rate defined as # of births per 1,000 population in that group.

Data source: CDC Wonder Natality Information, 2016-2019

Looking at data from 2013 to 2017, each year approximately 20% of teen births were among those who had had a previous birth. This means that **1 in 5 teen births each year are repeat teen births.**

Repeat Births among Teen Females (Aged 15-19)

	2013	2014	2015	2016	2017
Total Teen Births	2,570	2,428	2,160	2,020	1,858
Repeat Teen Births	530	542	435	410	381
% of Teen Births that were Repeat Teen Births	20.6%	22.3%	20.1%	20.3%	20.5%



A note on birth rate by race/ethnic: The Census ACS data source does not have population data readily available that categorizes teens by combined race/ethnicity for certain groups (e.g., NH-Black). Therefore, without a corresponding population size available, teen birth rate by race/ethnicity cannot be calculated and is instead shown below separately for ethnicity and for race.

The teen birth rate among both the non-Hispanic White population and the Hispanic/Latino population has steadily dropped over the years. However, the teen birth rate among Hispanic/Latinos is still consistently higher than among those non-Hispanic White. **Each year from 2013-2017, the teen birth rate among Hispanic/Latinos was approximately 3 times the teen birth rate among non-Hispanic White Individuals.**

Births among Teen Females (Aged 15-19) in Bexar County, by Ethnicity

		2013	2014	2015	2016	2017
Non-Hispanic White	# of Births	238	228	218	162	157
	Population size	13,854	13,659	13,610	13,519	13,561
	Birth Rate	17.2	16.7	16.0	12.0	11.6
Hispanic/Latino	# of Births	2,118	2,008	1,769	1,703	1,554
	Population size	42,123	42,643	43,290	44,153	45,186
	Birth Rate	50.3	47.1	40.9	38.6	34.4

Birth rate is calculated as # of births in the specified group divided by population size in that group, and then multiplied by 1,000. This provides birth rate defined as # of births per 1,000 population in that group.

Data source: DSHS Vital Statistics Statlocked Births and Deaths Data

The teen birth rate among the White population group is similar to the rate among the Black population group.

Births among Teen Females (Aged 15-19) in Bexar County, by Race*

		2013	2014	2015	2016	2017
White	# of Births	1,602	1,585	1,399	1,359	1,279
	Population size	45,944	47,573	48,798	50,513	52,596
	Birth Rate	34.9	33.3	28.7	26.9	24.3
Black	# of Births	175	169	167	136	127
	Population size	5,057	4,896	4,959	5,065	5,050
	Birth Rate	34.6	34.5	33.7	26.9	25.1
American Indian/ Alaskan Native	# of Births	--	--	--	--	--
	Population size	736	540	518	311	261
	Birth Rate	--	--	--	--	--
Asian/Pacific Islander	# of Births	--	--	--	--	--
	Population size	1,349	1,479	1,448	1,397	1,377
	Birth Rate	--	--	--	--	--
Other	# of Births	702	608	521	447	395
	Population size	7,881	6,789	6,020	5,273	4,228
	Birth Rate	89.1	89.6	86.5	84.8	93.4
Multiple Races	# of Births	25	--	21	27	26
	Population size	2,723	2,838	2,967	2,870	3,003
	Birth Rate	9.2	--	7.1	9.4	8.7
Unknown Race	# of Births	43	31	39	36	--
	Population size	N/A	N/A	N/A	N/A	N/A
	Birth Rate	N/A	N/A	N/A	N/A	N/A

Birth rate is calculated as # of births in the specified group divided by population size in that group, and then multiplied by 1,000. This provides birth rate defined as # of births per 1,000 population in that group.

Data source: DSHS Vital Statistics Statlocked Births and Deaths Data

* Birdged race code data within the DSHS vital Statistics dataset categorizes a sizable portion of mothers under 'Other', 'Multiple races', and 'Unknown'. This is discrepant with other sources of data such as CDC Wonder Natality data. To ensure minimal misclassification, the DSHS vital statistics data was relied upon, as it provides individual level data on what exact race and ethnicity category was specified by/for the mother.

Categories in which less than 20 births occurred are suppressed, indicated with two dashes --



In general, a lower proportion of teen moms receive 1st trimester prenatal care in comparison to moms of all ages. However, **the proportion of teen births receiving 1st trimester prenatal care has substantially improved over time**. In 2017, just over half of teen moms receive 1st trimester prenatal care, while in 2019 more than 70% of teen moms received 1st trimester prenatal care.

A substantially larger proportion of teen moms rely on WIC food assistance in comparison to moms of all ages. Each year, 70% of teen births had the moms receiving WIC food support during pregnancy.

Sexually transmitted infections (STIs) are more common among teen moms in comparison to moms of all ages. **Each year, the proportion of STIs among teen moms is double the proportion of STIs among moms of all ages.**

The prevalence of obesity among moms giving birth in Bexar County is generally high year after year. However, the prevalence of obesity among teen moms is generally lower than the prevalence observed among moms of all ages.

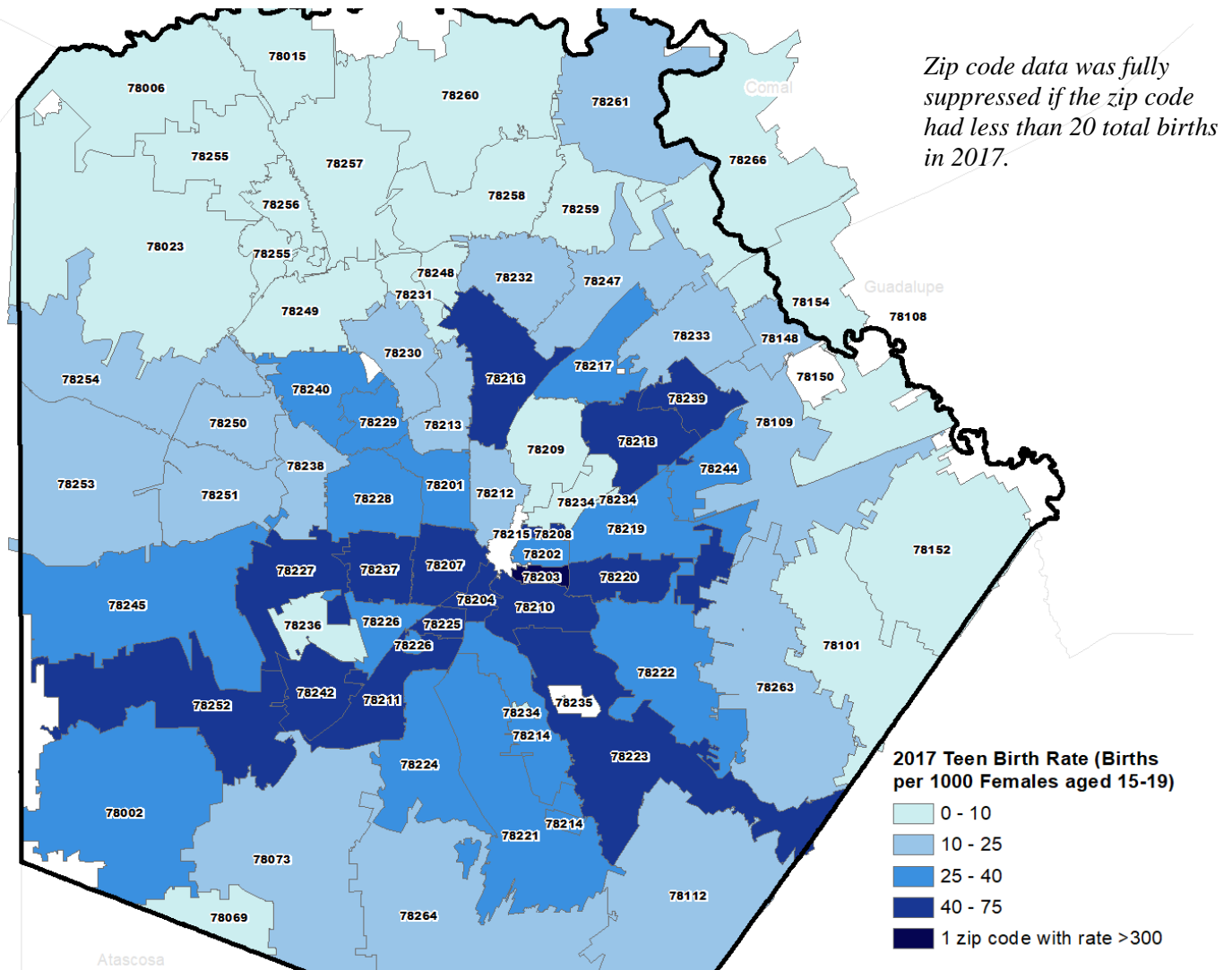
Maternal Characteristics in All Moms vs. Teen Moms

	2017	2018	2019	3-year Avg
Percent of Births where Mom Received 1st Trim Prenatal Care				
All Moms	71%	77%	81%	76%
Teen Moms	56%	65%	71%	64%
Percent of Births where Mom Received WIC Food Support				
All Moms	43%	41%	39%	41%
Teen Moms	73%	69%	69%	70%
Percent of Births where Mom was Breastfeeding upon Delivery				
All Moms	88%	90%	90%	89%
Teen Moms	83%	86%	86%	85%
Percent of Births where Mom had an STI				
All Moms	3.4%	2.7%	2.9%	3.0%
Teen Moms	7.7%	5.4%	7.4%	6.8%
Percent of Births where Mom's Prepregnancy BMI classifies as obese				
All Moms	31.0%	32.0%	30.0%	31.0%
Teen Moms	19.0%	20.0%	17.0%	18.7%

Data source: CDC Wonder Natality Information, 2016-2019



Teen birth rate is generally much more common among zip codes in the southern half of Bexar County in comparison to zip codes in the north. The zip code with the highest 2017 teen birth rate is 78203, which has a rate (>300 per 1,000 teen females) that is substantially higher than all other Bexar County zip codes.



Data Brief produced by Metro Health's Informatics Team

